

IRRITANT FOR BLENDED CEMENT AND BLENDED CEMENT COMPOSITION

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Abstract of JP9052747

PROBLEM TO BE SOLVED: To produce an irritant for a blended cement usable mainly in a civil engineering.contruction industry and capable of preparing a blended cement composition having good ininitial strength manifesting property and a large neutralization suppressing effect. **SOLUTION:** The irritant for the blended cement is formed by heat treating a blend containing a CaO starting material, an Al₂ O₃ starting material and a CaSO₄ starting material and composed of a mineral group with a free lime, hauynite and anhydrous gypsum as an active principle and has $\geq 3,000 \text{ cm}^2/\text{g}$ Blaine value and $\leq 20 \mu\text{m}$ average grain size, and has CaO/Al₂ O₃ mol. ratio of 7.5-18 and CaSO₄ /Al₂ O₃ mol. ratio of 1.6-4. The blended cement composition is formed from cement and this irritant for the blended cement.

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